

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/057755 A1

(51) International Patent Classification⁷: H02K 1/06, 21/10

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(21) International Application Number:

PCT/CA2004/002097

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(22) International Filing Date: 9 December 2004 (09.12.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/528,047 9 December 2003 (09.12.2003) US

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

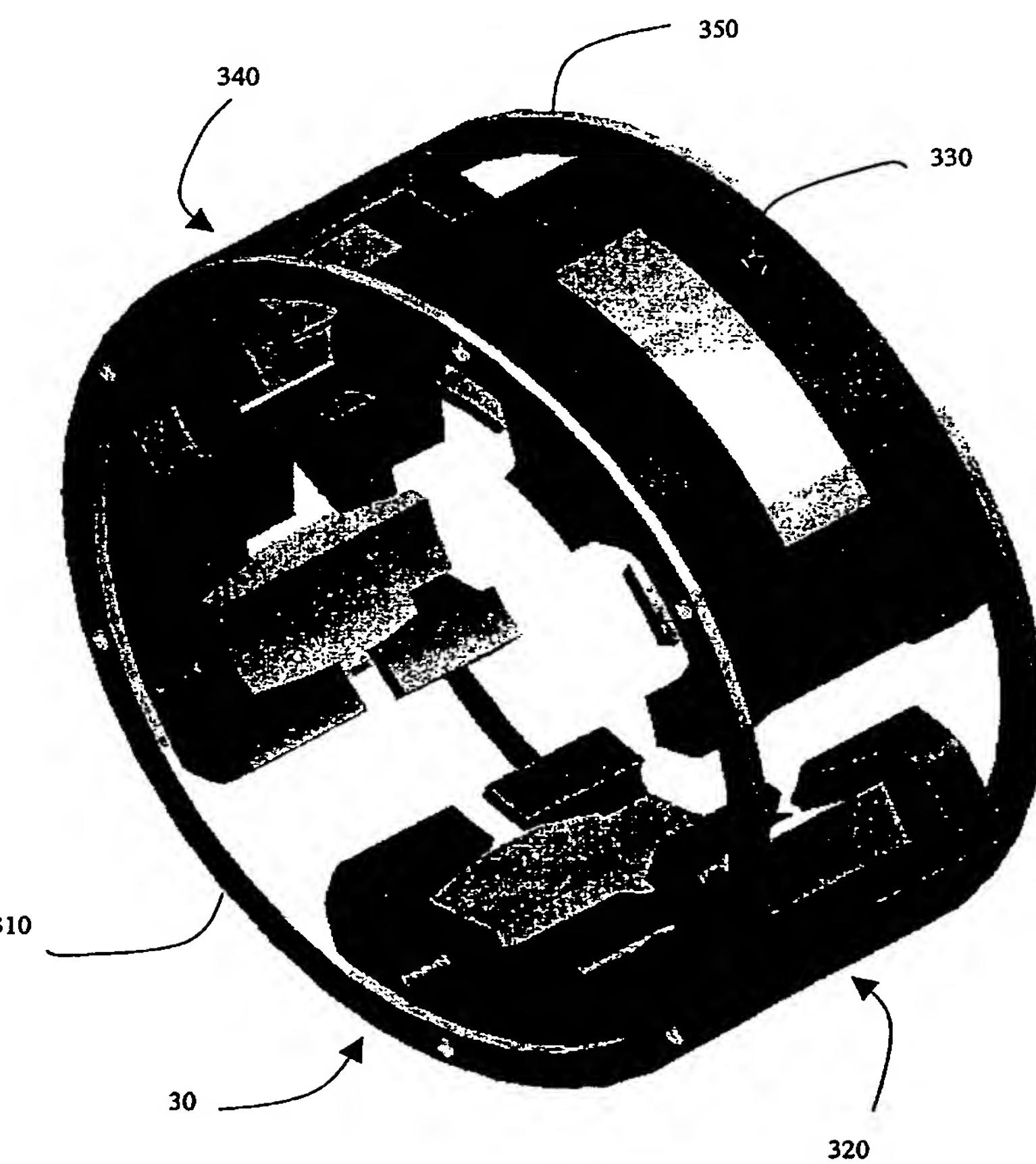
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[Continued on next page]

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(54) Title: POLYPHASE CLAW-POLE MACHINES WITH A SEGMENTED MAGNETIC CIRCUIT



(57) Abstract: A polyphase claw-pole armature for an electrical machine is made with several identical segments regularly distributed along the direction of motion and spaced by a magnetic air gap. The number of segments is equal or a multiple of the number of winding phases. Each segment includes a magnetic circuit with a plurality of claws arranged in a plurality of rows, with the base of each claw connected to a common yoke. One or a plurality of non-interlaced coils are included inside each segment, with the coils being wound around the bases of corresponding claws.

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Published:

- *with international search report*